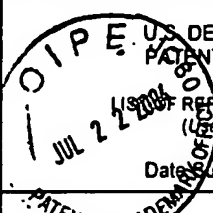


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|---|----|--|---------|------------------------------|---------------------------------|--------------------------|-------------------------------|
| Sheet 1 of 1 | | | | | | | |
| FORM PTO 1449 (modified) | | | | ATTY DOCKET NO. 2003_1832 | | SERIAL NO. 10/734,314 | |
| <div style="float: left; width: 150px; text-align: center;">  </div> <div style="clear: both;"></div> <div style="padding-left: 150px;"> U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) Date Submitted to PTO: July 22, 2004 </div> | | | | APPLICANT Mitsuaki OSHIMA | | | |
| FILING DATE December 15, 2003 | | | | GROUP 2615 | | | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| | AA | | | | | | |
| | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO |
| RL | AJ | 2-154583 | 6-13-90 | Japan | | | abstract |
| | AK | | | | | | |
| | AL | | | | | | |
| | AM | | | | | | |
| | AN | | | | | | |
| OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| RL | AO | Shigeki MORIYAMA et al., "Delay Propagation Characteristics at VHF and UHF bands in Urban Area", 1991 Spring National Convention Record, The Institute of Electronics, Information and Communication Engineers, Part 2, p. 406, March 15, 1991 | | | | | |
| RL | AP | Yasuhiro ITO et al., "Adaptive Weighted Code Division Multiplexing (AW-CDM) Transmission System for Terrestrial Digital Television Broadcasting", ITE Technical Report Vol. 17, No. 13, pp 27-32, February 25, 1993 | | | | | |
| | AQ | | | | | | |
| EXAMINER | | | | DATE CONSIDERED | | | |
| Robert Chao | | | | 8/31/05 | | | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include cop. this form with next communication to applicant.

| Sheet 1 of 7 | | | | | | | |
|---|-----------------|---|---------------------|----------------------------------|----------|--------------------------------|---|
| FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) Date Submitted to PTO: December 15, 2003 | | | | ATTY DOCKET NO. 2003_1832 | | SERIAL NO. NEW | |
| APPLICANT Mitsuki OSHIMA | | | | FILING DATE December 15, 2003 | | GROUP | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE | |
| Re | AA | 5,311,550 | Fouche et al. | | | | |
| Re | AB | 4,630,287 | Armstrong | | | | |
| Re | AC | 4,271,527 | Armstrong | | | | |
| Re | AD | 5,050,188 | Dirr | | | | |
| Re | AE | 5,398,073 | Wei | | | | |
| Re | AF | 5,452,015 | Hulyalkar | | | | |
| Re | AG | 5,565,932 | Citta et al. | | | | |
| Re | AH | 5,481,412 | Bannai et al. | | | | |
| Re | AI | 3,909,721 | Bussgang et al. | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO | |
| Re | AJ | 0365431 | EP | | | | X |
| Re | AK | 0485105 | EP | | | X | |
| Re | AL | 92/14343 | WO | | | X | |
| Re | AM | 89/08366 | WO | | | X | |
| Re | AN | 0031193 | EP | | | X | |
| OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| Re | AO | Shinji Matsumoto et al., "200 Mb/s 16 QAM Digital Radio-Relay System Operating in 4 and 5 GHz Bands", Japan Telecommunications Review, January 1982, vol. 24, no. 1, pages 65-73. | | | | | |
| Re | AP | M. Pecot et al., "Compatible Coding of Television Images, Part 2. Compatible System", Signal Processing Image Communication, October 2, 1990, no. 3, pages 259-268. | | | | | |
| Re | AQ | Mitsuki Oshima, "Constellation-Code Division Multiplex for Digital HDTV", IEEE, 1992, pages 1086-1092. | | | | | |
| EXAMINER | | | <i>Robert Chait</i> | | | DATE CONSIDERED <i>8/31/05</i> | |

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FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Date Submitted to PTO: December 15, 2003

ATTY DOCKET NO.
2003_1832SERIAL NO.
NEWAPPLICANT
Mitsuaki OSHIMAFILING DATE
December 15, 2003

GROUP

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|----|--------------------|----------|-----------------|-------|----------|-------------------------------|
| Re | AA | 4,227,152 | 10-7-80 | Godard et al. | | | |
| Re | AB | 4,525,846 | 6-25-85 | Bremer et al. | | | |
| Re | AC | 4,751,478 | 6-14-88 | Yoshida | | | |
| Re | AD | 4,891,806 | 1-2-90 | Farias et al. | | | |
| Re | AE | 4,903,125 | 2-20-90 | Parker | | | |
| Re | AF | 4,937,844 | 6-26-90 | Kao | | | |
| Re | AG | 5,164,963 | 11-17-92 | Lawrence et al. | | | |
| Re | AH | 5,555,275 | 9-1996 | Oshima | | | |
| Re | AI | 5,565,926 | 10-15-96 | Bryan et al. | | | |

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| Re | AJ | 0311188 | 4-12-89 | EP | | | X |
| Re | AK | 0329158 | 8-23-89 | EP | | | X |
| Re | AL | 64-5135 | 1-10-89 | JP | | | X |
| Re | AM | 63-28145 | 2-5-88 | JP | | | X |
| Re | AN | 62-133842 | 6-17-87 | JP | | | X |

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

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| Re | AO | Tricia Hill et al., "A Performance Study of NLA 64-State QAM", IEEE Transactions on Communications, vol. COM-31, June 1983, no. 6, pages 821-826. |
| Re | AP | Hideki Ishio et al., "A Proposal of a Carrier Digital Transmission System Using Multi-Level APSK", pages 1-20. |
| Re | AQ | Shanmugam, "Digital and Analog Communication Systems" 1979, p. 272. |

EXAMINER

Robert Chua

DATE CONSIDERED

8/31/05

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Date Submitted to PTO: December 15, 2003

ATTY DOCKET NO.
2003_1832SERIAL NO.
NEWAPPLICANT
Mitsuaki OSHIMAFILING DATE
December 15, 2003

GROUP

U.S. PATENT DOCUMENTS

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|----------------------|----|--------------------|----------|--------------------|-------|----------|-------------------------------|
| Re | AA | 5,105,442 | 4-14-92 | Wei | | | |
| Re | AB | 4,048,572 | 9-13-77 | Dogliotti et al. | | | |
| Re | AC | 5,282,019 | 1-25-94 | Basile et al. | | | |
| Re | AD | 5,311,547 | 5-10-94 | Wei | | | |
| Re | AE | 5,267,021 | 11-30-93 | Ramchandran et al. | | | |
| Re | AF | 5,038,219 | 8-6-91 | Yamashita et al. | | | |
| Re | AG | 5,087,975 | 2-11-92 | Citta et al. | | | |
| Re | AH | 5,086,340 | 2-4-92 | Citta et al. | | | |
| Re | AI | 5,243,629 | 9-7-93 | Wei | | | |

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| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO |
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| Re | AJ | 53-137657 | 12-1-78 | JP | | | X |
| Re | AK | 0282298 | 9-14-88 | Europe | | | X |
| Re | AL | 0392538 | 10-17-90 | Europe | | | X |
| Re | AM | 0490552 | 6-17-92 | Europe | | | X |
| Re | AN | 0506400 | 9-30-92 | Europe | | | X |

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|----|----|---|--|--|--|--|--|
| Re | AO | Khaled Fazel et al., Combined multilevel coding and multiresolution modulation, February 8, 1993, Pages 1081-1085 | | | | | |
| Re | AP | P. Hoeher et al., Performance of an RCPC-Coded OFDM-based Digital Audio Broadcasting (DAB) System, IEEE Global Telecommunications Conference "Globecom '91", December 2-5, 1991, Vol. 1 of 3, Pages 2.1.1 - 2.1.7 | | | | | |
| Re | AQ | K. M. Uz et al., Combined multiresolution source coding and modulation for digital broadcast of HDTV*, 1992, Pages 283-292 | | | | | |

EXAMINER

Robert Chugan

DATE CONSIDERED

8/31/05

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|---|----|--|----------|---|-------|-------------------|-------------------------------|
| Sheet 4 of 7 | | | | | | | |
| FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) Date Submitted to PTO: December 15, 2003 | | | | ATTY DOCKET NO. 2003_1832 | | SERIAL NO. NEW | |
| APPLICANT Mitsuaki OSHIMA | | | | FILING DATE December 15, 2003 | | GROUP | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| Re | AA | 5,142,353 | 8-25-92 | Kageyama et al. | | | |
| Re | AB | 5,197,061 | 3-23-93 | Halbert-Lassalle et al. | | | |
| Re | AC | 5,291,289 | 3-1-94 | Hulyalkar et al. | | | |
| Re | AD | 5,166,924 | 11-24-92 | Moose | | | |
| Re | AE | 4,940,954 | 7-10-90 | Aubert et al. | | | |
| Re | AF | 5,128,758 | 7-7-92 | Azadegan et al. | | | |
| Re | AG | 5,038,402 | 8-6-91 | Robbins | | | |
| Re | AH | 5,638,112 | 6-10-97 | Bestler et al. | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO |
| Re | AI | 0448492A1 | 9-25-91 | Europe | | | X |
| Re | AJ | 0485108A2 | 5-13-92 | Europe | | | X |
| Re | AK | 0525641A2 | 2-3-93 | Europe | | | X |
| Re | AL | 0540231A2 | 5-5-93 | Europe | | | X |
| Re | AM | 0531046A2 | 3-10-93 | Europe | | | X |
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| Re | AN | K. M. Uz et al., Multiresolution Source and Channel Coding for Digital Broadcast of HDTV, 1992, Pages 61-69. | | | | | |
| Re | AO | Nambi Seshadri et al., Multi-Level Block Coded Modulations with Unequal Error Protection for the Rayleigh Fading Channel, Vol. 4, No. 3, May-June 1993, Pages 325-334. | | | | | |
| Re | AP | William F. Schreiber, Spread-Spectrum Television Broadcasting, SMPTE Journal, August 1992, Pages 538-549. | | | | | |
| EXAMINER <div style="text-align: center; font-family: cursive; font-size: 1.2em;">Robert Chale</div> | | | | DATE CONSIDERED <div style="text-align: center; font-family: cursive; font-size: 1.2em;">8/31/03</div> | | | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include cop. this form with next communication to applicant.

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|---|----|--|----------|--|-----------------------|-----------------------|-------------------------------|
| Sheet 5 of 7 | | | | | | | |
| FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) Date Submitted to PTO: December 15, 2003 | | | | ATTY DOCKET NO. 2003_1832 | | SERIAL NO. NEW | |
| APPLICANT Mitsuaki OSHIMA | | | | FILING DATE December 15, 2003 | | GROUP | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| Re | AA | 5,063,445 | 11-5-91 | Nishizawa et al. | | | |
| Re | AB | 5,819,000 | 10-6-98 | Oshima | | | |
| Re | AC | 5,999,569 | 12-7-99 | Oshima | | | |
| Re | AD | 5,892,879 | 4-6-99 | Oshima | | | |
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| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO |
| Re | AE | 7-99522 | 4-11-95 | Japan | | | abstract |
| Re | AF | 7-79415 | 3-20-95 | Japan | | | abstract |
| Re | AG | 5-75568 | 3-26-93 | Japan | | | abstract |
| Re | AH | 86-07223 | 12-4-86 | WO | | | X |
| Re | AI | 2 187 611 | 9-9-87 | Great Britain | | | X |
| Re | AJ | 85/04541 | 10-10-85 | WO | | | X |
| Re | AK | 04-196822 | 7-16-92 | Japan | | | abstract |
| Re | AL | 2-166979 | 6-27-90 | Japan | | | abstract |
| Re | AM | 64-74836 | 3-20-89 | Japan | | | abstract |
| Re | AN | 53-108215 | 9-20-78 | Japan | | | abstract |
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| Re | AO | Martin Vetterli et al., Multiresolution Coding Techniques for Digital Television: A Review, Multidimensional Systems and Signal Processing, Volume 3, May 1992, Pages 161-187. | | | | | |
| Re | AP | Ezio Biglieri et al., Introduction to Trellis-Coded Modulation with Applications, April 6, 1992, Pages 173-207. | | | | | |
| Re | AQ | English Language Abstract of European Patent No. 93 30 7575 | | | | | |
| EXAMINER Robert Chabir | | | | DATE CONSIDERED 8/31/05 | | | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include cop, this form with next communication to applicant.

| Sheet 6 of 7 | | | | | | | |
|---|----|---|----------|----------------------------------|-----------------------|-----------------------|-------------------------------|
| FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) Date Submitted to PTO: December 15, 2003 | | | | ATTY DOCKET NO. 2003_1832 | | SERIAL NO. NEW | |
| APPLICANT Mitsuaki OSHIMA | | | | FILING DATE December 15, 2003 | | GROUP | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| RL | AA | 4,636,876 | 1-13-87 | Schwartz | | | |
| RL | AB | 4,855,692 | 8-8-89 | Kennard et al. | | | |
| RL | AC | 4,873,701 | 10-10-89 | Tretter | | | |
| RL | AD | 4,958,360 | 9-18-90 | Sari | | | |
| RL | AE | 5,115,453 | 5-19-92 | Calderbank et al. | | | |
| RL | AF | 5,168,509 | 12-1-92 | Nakamura et al. | | | |
| RL | AG | 5,600,672 | 2-4-97 | Oshima et al. | | | |
| RL | AH | 6,049,651 | 4-11-00 | Oshima | | | |
| RL | AI | 6,256,357 | 7-3-01 | Oshima | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO |
| RL | AJ | 0122805 | 10-24-84 | EP | | | X |
| RL | AK | 63-180280 | 7-25-88 | JP | | | abstract |
| RL | AL | 64-68144 | 3-14-89 | Japan | | | abstract |
| RL | AM | 5-218978 | 8-27-93 | Japan | | | X |
| RL | AN | 3-69295 | 3-25-91 | Japan | | | X |
| OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| RL | AO | Kazuhiko Nitadori, Synthesis of Multichannel Orthogonal VSB Signals by Quadrature Method, 1976 International Conference on Communications, June 14-16, 1976, Volume 1, Pages 3-25 - 3-29. | | | | | |
| RL | AP | Thomas M. Cover, Broadcast Channels, IEEE Transactions on Information Theory, January 1972, Pages 2-14 | | | | | |
| RL | AQ | "Optimum Weighted PCM for Speech Signals", Sundberg, IEEE Transactions on Communications, Volume COM-26, No. 6, June 1978, Pages 872-881. | | | | | |
| EXAMINER Robert Chali | | | | DATE CONSIDERED 8/31/05 | | | |

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FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Date Submitted to PTO: December 15, 2003

ATTY DOCKET NO.
2003_1832SERIAL NO.
NEWAPPLICANT
Mitsuaki OSHIMAFILING DATE
December 15, 2003

GROUP

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|----|--------------------|---------|-------------|-------|----------|-------------------------------|
| RL | AA | 5,170,413 | 12-8-92 | Hess et al. | | | |
| | AB | | | | | | |
| | AC | | | | | | |

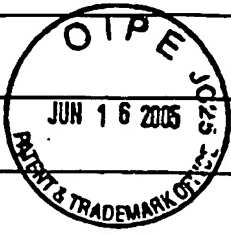
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| RL | AD | 57-39629 | 3-4-82 | Japan | | | abstract |
| RL | AE | 58-161547 | 9-26-83 | Japan | | | abstract |
| RL | AF | 63-180222 | 7-25-88 | Japan | | | abstract |
| RL | AG | 92/22162 | 12-10-92 | WO | | | X |
| RL | AH | 2-94814 | 4-5-90 | Japan | | | abstract |
| RL | AI | 61-70861 | 4-11-86 | Japan | | | abstract |
| RL | AJ | 2-218279 | 8-30-90 | Japan | | | abstract |
| RL | AK | 2,095,435 | 5-10-92 | Canada | | | X |
| RL | AL | 91/20137 | 12-26-91 | WO | | | X |
| RL | AM | 2-141049 | 5-30-90 | Japan | | | X |
| RL | AN | 2-195732 | 8-2-90 | Japan | | | abstract |
| RL | AO | 5-167633 | 7-2-93 | Japan | | | abstract |
| RL | AP | 2-260726 | 10-23-90 | Japan | | | X |
| RL | AQ | 58-161427 | 9-26-83 | Japan | | | abstract |

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

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| | AR | |
| | AS | |
| EXAMINER | Robert Chvala | |
| DATE CONSIDERED | 8/31/05 | |

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| Sheet 1 of 2 | | INFORMATION DISCLOSURE STATEMENT | | | | | |
|--|----|--|----------|----------------------------------|-------|---|-------------------------------|
| FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) <i>(Use several sheets if necessary)</i> Date Submitted to PTO: June 16, 2005 | | | | ATTY DOCKET NO. 2003_1832 | | SERIAL NO. 10/734,314 | |
| | | | | APPLICANT Mitsuki OSHIMA | |  | |
| | | | | FILING DATE December 15, 2003 | | | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| *EXAMINER INITIAL | AA | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| Re | AA | 3,824,548 | 7-16-74 | Sullivan et al. | | | |
| Re | AB | 3,959,726 | 5-25-76 | Hinoshita et al. | | | |
| Re | AC | 4,303,939 | 12-1-81 | Stephens et al. | | | |
| Re | AD | 4,303,941 | 12-1-81 | Marti et al. | | | |
| Re | AE | 4,309,726 | 1-5-82 | Tanaka et al. | | | |
| Re | AF | 4,535,352 | 8-85 | Haskell | | | |
| Re | AG | 4,564,858 | 1-14-86 | Resch | | | |
| Re | AH | 4,581,639 | 4-8-86 | Judge | | | |
| Re | AI | 4,769,819 | 9-6-88 | Matsutani et al. | | | |
| Re | AJ | 4,794,447 | 12-27-88 | Tsinberg | | | |
| Re | AK | 4,800,426 | 1-24-89 | Glenn | | | |
| Re | AL | 4,817,192 | 3-28-89 | Phillips et al. | | | |
| Re | AM | 5,007,088 | 4-9-91 | Ooi et al. | | | |
| Re | AN | 5,029,003 | 7-91 | Jonnalagadda | | | |
| Re | AO | 5,134,464 | 7-28-92 | Basile et al. | | | |
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| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO |
| Re | AP | 5-327807 / | 12-10-93 | Japan | | | abstract |
| OTHER DOCUMENT(S) <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i> | | | | | | | |
| Re | AQ | Masafumi SAITO et al., "Bit Error Rate Characteristics of OFDM in Multipath Environment", 1991 | | | | | |
| Re | AR | Ryutaro OHMOTO et al., "π/4-shift QPSK Subcarrier Transmission", 1991 | | | | | |
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| Robert Ch... | | | | 8/31/05 | | | |

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| Sheet 2 of 2 | | INFORMATION DISCLOSURE STATEMENT | | | | | |
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| FORM PTO 1449 (modified) "1" U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) Date Submitted to PTO: June 16, 2005 | | | | ATTY DOCKET NO. 2003_1832 APPLICANT Mitsuaki OSHIMA FILING DATE December 15, 2003 | | SERIAL NO. 10/734,314 GROUP 2615 | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| Re | AA | 5,181,112 | 1-19-93 | Citta et al. | | | |
| Re | AB | 5,377,051 | 12-27-94 | Lane et al. | | | |
| Re | AC | 5,400,084 | 3-21-95 | Scarpa | | | |
| Re | AD | 5,576,902 | 11-19-96 | Lane et al. | | | |
| Re | AE | 5,218,622 | 6-8-93 | Fazel et al. | | | |
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| EXAMINER | | | | DATE CONSIDERED | | | |
| Robert Chuah | | | | 8/31/05 | | | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include cop. this form with next communication to applicant.